

Abstract

An apparatus for detecting a vehicle rollover comprising a sensor suite (1) for sensing vehicle dynamics data is proposed, the sensor suite (1) being connectable to a processor (2) which is configured in such a way that the processor (2) detects a vehicle rollover as a function of the vehicle dynamics data and the rollover sensor suite, characterized in that the processor (2) has means for dividing an operating state of the vehicle into chronologically successive phases; the processor (2) having, for each phase, means for determining a float angle and a transverse vehicle velocity from the vehicle dynamics data; the float angle and the transverse vehicle velocity being usable, together with the data from the rollover sensor suite, for detection of the vehicle rollover.

(Figure 1)